Spul

Please type a plus sign (+) inside this box -> +

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL				Appli	cation Number	10/049,8	71
IKAN	12	/III I AL		Filing	Date	October :	3, 2003
TRAN	·OF	KM		First I	Named Inventor	Yanina R	OZENBERG et al.
be used for all col	rrespo	ndence after in	itial filing)	Group	Art Unit	1632	
				Exami	ner Name	Unassign	ed
Total Number of Pages in This Submission 5			5	Attorn	ey Docket Number	38147-00	039
			ENCLO	SURES	(check all that apply)		
Fee Transmittal F	orm			ment Pa _l A <i>pplication</i>		After A	Allowance Communication to
Fee Attached	I		☐ Drawin	g(s)			I Communication to Board of alls and Interferences
Amendment / Res	sponse	е	Licensi	ng-relate	d Papers		I Communication to Group I Notice, Brief, Reply Brief)
After Final			Petition	1		l	etary Information
Affidavits/dec	laratio	on(s)		to Conv onal App		☐ Status	Letter
Extension of Time	e Requ	uest	Power of Attorney, Revocation Change of Correspondence Address			Enclosure(s) identify below):	
<u> </u>			Terminal Disclaimer		PTO/S	B/08A w/ 39 references	
Express Abandor	ment	Request	Request for Refund				
☐ Information Discl	osure :	Statement	CD, Number of CD(s)				
Certified Copy of Document(s)	Priorit	у	Rema	rks			
Response to Miss Incomplete Applic		arts/			•		
Response to Miss CFR 1.52 or 1.53	•	arts under 37					
		SIGNA	TURE OF A	APPLIC	ANT, ATTORNEY, C	R AGENT	
Firm <i>or</i> Individual name	Pau	I M. Booth, Reg	g. No. 40,244	1			
Signature Law J.		Cuto for Paul M. Broth (Reg. No. 51,019)			No. 51,019)		
Date June 25, 2004							,
			CEI	RTIFICA	ATE OF MAILING		
I hereby certify that the	nis cor	respondence is	being depo	sited with	the United States Pos	al Service as	first class mail in an envelope
addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:							
Typed or printed nam	ie						
Signature						Date	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DC142800v1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

New Attorney Docket No.: 38147-0039

licant:

Yanina ROZENBERG et al.

Confirmation No.: 2364

Appl. No.:

10/049,871 (371 of PCT/US00/22619)

Group Art Unit: 1632

Filing Date:

October 3, 2003

Examiner: To Be Assigned

Title:

TARGETED ARTIFICIAL GENE DELIVERY

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56 and 37 CFR §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

To comply with Applicants' duty of disclosure pursuant to 37 C.F.R. §1.56 and §1.97, Applicants submit herewith on attached Form PTO/SB/08A, a listing of documents known to Applicants. A copy of each of the listed documents is being submitted to comply with the provisions of 37 C.F.R. §§1.97-1.99.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or is considered to be material to patentability as defined in 37 C.F.R. §1.56(b). Applicants do not waive any rights to take any action that would be appropriate to antedate or otherwise remove as a competent reference any document that is determined to be a *prima facie* prior art reference against the claims of the present application.

This Information Disclosure Statement is being filed in compliance with 37 CFR §1.97(b) prior to the mailing date of the first Office Action. Therefore, Applicants believe that

U.S. Serial No. 10/049,871

New Attorney Docket No.: 38147-0039

no fee is required at this time. However, the Commissioner is hereby authorized to charge any deficiency or to credit any overpayment to Deposit Account No. 08-1641.

Applicants respectfully request that the listed documents be considered by the Examiner and made of record in the present application and that an initialed copy of Form PTO/SB/08A be returned in accordance with M.P.E.P. §609.

Respectfully submitted,

By:

Paul M. Booth

Attorney for Applicant Registration No. 40,244

HELLER EHRMAN WHITE & MCAULIFFE LLP

1666 K Street, N.W., Suite 300

Date: June 21, 2004

Washington, DC 20006-1228

Telephone: (202) 912-2000 Facsimile: (202) 912-2020

Customer No. 26633

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitut	e for form 1449/PTO			Complete if Known		
	•		·	Application Number	10/049,871	
Cita	INFORMATION	N DISCLOS	SURE	Filing Date	October 3, 2003 Yanina Rozenberg <i>et al.</i>	
. 1	STATEMENT E	BY APPLIC	CANT	First Named Inventor		
아 핑	\$			Art Unit	1632	
OFF				Examiner Name	To Be Assigned	
Street	1	of	2	Attorney Docket Number	38147-0039 (271010-473)	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ²	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US-5,631,018	05-20-1997	Zalipsky et al.	rigures Appear
	2.	US-5,661,022	08-26-1997	Kotani et al.	
	3.	US-5,665,577	09-09-1997	Sodroski et al.	
	4.	US-5,686,279	11-11-1997	Finer et al.	
	5.	US-5,766,625	06-16-1998	Schreier et al.	
	6.	US-5,780,221	07-14-1998	Schumacher et al.	
	7.	US-5,916,803	06-29-1999	Sedlacek et al.	
	8.				
	9.				
	10.				

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		
	1.	WO 91/19798	12-26-1991	Sodroski et al.				
•	2.	WO 97/12622	04-10-1997	Verma et al.	·			
	3.	WO 97/40854	11-06-1997	Summerton et al.				
	4.	WO 98/12314	03-26-1998	Trono et al.				
	5.			•				
-	6.							
	7.							
	8.							
	9.							

Examiner	Date	
Signature	Considered	

^{*}Examiner: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

ubstitu	te for form	1449/PTO			Complete if Known		
					Application Number	10/049,871	
લ્ડ્રો	INFO	DRMATION	N DISCLOS	URE	Filing Date	October 3, 2003	
		TEMENT B	Y APPLIC	ANT	First Named Inventor	Yanina Rozenberg et al.	
(Use as many sheets as necessary)					Art Unit	1632	
(6)	<i>'</i>				Examiner Name	To Be Assigned	
kret et		2	of	2	Attorney Docket Number	38147-0039 (271010-473)	

		NON-PATENT LITERATURE DOCUMENTS	
Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	T ⁶
Initials*	No.'	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher,	
	.	city and/or country where published.	
	1.	ANDERSON, <i>Nature</i> , 392 (6679 Suppl): 25-30 (1998).	
	2.	BOUSSIF et al., Proc. Natl. Acad. Sci. USA, 92:7297-7301 (1995).	
	3.	BOXUS et al., Bioorganic and Medicinal Chemistry, 6:1577-1595 (1998).	
	4.	CHOI et al., Bioconjugate Chem., 9:708-718 (1998).	ļ
	5.	FASBENDER et al., J. Biol. Chem., 272:6479-6489 (1997).	ļ
	6.	HAUBNER et al., Angew. Chem. Int. Ed. Engl., 36:1374-1389 (1997).	
	7.	KAGAWA et al., J. Biol. Chem., 246, 17:5477-5487 (1971).	
	8.	KIEBER-EMMONS et al., Current Opinion in Biotechnology, 8:432-441 (1997).	<u></u>
	9.	KIRPOTIN et al., FEBS Letters, 388:115-118 (1996).	
	10.	KWOH et al., Biochimica et Biophysica Acta, 1444:171-190 (1999).	
	11.	MEYER et al., FEBS Letters, 421:61-64 (1998).	
	12.	MEYER et al., J. Biol. Chem., 372, 25:15621-15627 (1998).	
	13.	MINOURA, Langmuir, 14:2145-2147 (1998).	
	14.	NAKANISHI et al., J. of Controlled Release 54:61-68 (1998).	
	15.	PAPAHADJOPOULOS et al., Proc. Natl. Acad. Sci. USA, 15: 11460-4 (1991).	
	16.	PAPISOV, Adv. Drug Delivery Review, 32:119-138 (1998).	
	17.	PAULETTI et al., Adv. Drug Delivery Review, 27:235-256 (1997).	
	18.	SAPHIRE et al., J. Biol. Chem., 273, 45:29764-29769 (1998).	
	19.	SCHNIERLE AND GRONER, Gene Therapy, 3:1069-73 (1996).	
	20.	SUBBARAO et al., Biochemistry, 26:2964-2972 (1987).	
	21.	TANG et al., Biochem. Biophys. Res. Comm., 242:141-145 (1998).	
	22.	VERMA et al., Nature, 389: 239-42 (1997).	
	23.	VIEWEG et al., Cancer Research, 55: 2366-2372 (1995).	
	24.	VINOGRADOV et al., Bioconjugate Chem., 9:805-812 (1998).	
	25.	WOODLE et al., "Small Molecule Ligands for Targeting Long Circulating Liposomes",	
	/	Long Circulating Liposomes: Old Drugs, New Therapeutics, pp. 287-295, Ed. by	
		Woodle and Storm, Springer-Verlag and Landes Bioscence (1998).	
	26.	WYMAN et al., Biochemistry, 36:3008-3017 (1997).	
	27.	ZANTA et al., Proc. Natl. Acad. Sci. USA, 96:91-96 (1999).	1
	28.	ZELPHATI et al., Gene Therapy, 5:1272-1282 (1998).	†

	· · · · · · · · · · · · · · · · · · ·		
Examiner		Date	
Signature		Considered	

^{*}Examiner: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.